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Application of: Kiener et al.

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Examiner: To Be Assigned

For: EphA2, HYPOPROLIFERATIVE  
CELL DISORDERS AND  
EPITHELIAL AND ENDOTHELIAL  
RECONSTITUTION

Attorney Docket No.: 10271-058-999

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. §1.56 AND §1.97**

Commissioner for Patents  
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Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 and § 1.97 to inform the Patent Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby invite the Examiner's attention to the references **A01 to A54, B01 to B24, and C01 to C316** listed on the attached revised form PTO 1449 entitled "List of References Cited by Applicant." Copies of references **A01 to A22, B01 to B24, and C01 to C316** are submitted herewith.

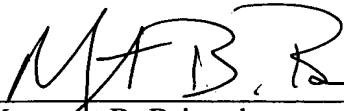
Identification of the listed references is not meant to be construed as an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application.

Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

Pursuant to 37 C.F.R. § 1.97(b), Applicants estimate that no fee is due in connection with the filing of this Information Disclosure Statement. However, should the Patent Office determine otherwise, please charge the necessary fee to Jones Day Deposit Account No. 50-3013. A duplicate of this sheet is enclosed.

Respectfully submitted,

Date June 10, 2005

  
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Enclosures



## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY DOCKET NO.

10271-058-999

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APPLICANT

Kiener et al.

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1642

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A01	60/622,711		Kinch			10/27/04
	A02	60/561,845		Allan			4/12/04
	A03	60/503,356		Carles-Kinch et al.			9/16/03
	A04	60/476,909		Carles-Kinch et al.			6/6/03
	A05	60/462,024		Kiener et al.			4/11/03
	A06	60/462,009		Kiener et al.			4/11/03
	A07	60/418,213		Kinch et al.			10/14/02
	A08	60/418,204		Kinch et al.			10/14/02
	A09	60/388,921		Oliver et al.			6/14/02
	A10	60/388,920		Oliver et al.			6/14/02
	A11	60/379,368		Kinch et al.			5/10/02
	A12	60/379,322		Kinch et al.			5/10/02
	A13	60/368,729		Young et al.			3/29/02
	A14	60/232,302		Kinch et al.			9/12/00
	A15	60/149,259		Kinch et al.			8/17/99
	A16	10/823,253		Reed			4/12/04
	A17	10/823,810		Reed			4/12/04
	A18	10/403,180		Young et al.			3/31/03
	A19	10/015,166		Langermann et al.			12/10/01
	A20	09/952,560		Kilpatrick et al.			9/12/01
	A21	09/724,531		Young et al.			11/28/00
	A22	09/640,935		Kinch			8/17/00
	A23	2005/0002934	1/6/05	Kiener et al.			
	A24	2004/0180823	9/16/04	Pasquale et al.			
	A25	2004/0106132	6/3/04	Huang et al.			
	A26	2004/0096451	5/20/04	Young et al.			
	A27	2004/0091486	5/13/04	Kinch et al.			
	A28	2004/0028685	2/12/04	Kinch et al.			
	A29	2003/0224374	12/4/03	Dai et al.			
	A30	2003/0199071	10/23/03	Langermann et al.			
	A31	2003/0190311	10/9/03	Dall'acqua et al.			
	A32	2003/0100497	5/29/03	Baker et al.			
	A33	2003/0091584	5/15/03	Young et al.			
	A34	US 2001/0031262 A1	10/18/01	Low et al.			
	A35	2001/0031252	10/18/01	Low et al.			

	A36	6,818,216	11/16/04	Young et al.			
	A37	6,387,615	5/14/02	Cookson et al.			
	A38	6,245,320	6/12/01	Kim			
	A39	6,083,973	7/4/00	Belloni			
	A40	5,981,245	11/9/99	Fox et al.			
	A41	5,876,949	3/2/99	Dreyfuss et al.			
	A42	5,872,223	2/16/99	Uckun			
	A43	5,824,307	10/20/98	Johnson			
	A44	5,824,303	10/20/98	Bartley et al.			
	A45	5,811,098	9/22/98	Plowman et al.			
	A46	5,770,195	6/23/98	Hudziak et al.			
	A47	5,585,089	12/17/96	Queen et al.			
	A48	5,514,554	5/7/96	Bacus			
	A49	5,457,048	10/10/95	Pasquale et al.			
	A50	5,001,225	3/19/91	Taylor			
	A51	4,885,238	12/5/89	Reddel et al.			
	A52	4,816,567	3/28/89	Cabilly et al.			
	A53	4,704,692	11/3/87	Ladner			
	A54	4,472,371	9/18/84	Burchiel et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B01	WO 04/069264	8/19/04	PCT				
	B02	WO 04/014292	2/19/04	PCT				
	B03	WO 03/099313	12/4/03	PCT				
	B04	WO 03/091383	11/6/03	PCT				
	B05	WO 02/43660	6/6/02	PCT				
	B06	WO 02/15928	2/28/02	PCT				
	B07	WO 02/070007	9/12/02	PCT				
	B08	WO 02/04496	1/17/02	PCT				
	B09	WO 01/47892	7/5/01	PCT				
	B10	WO 01/12840	2/22/01	PCT				
	B11	WO 01/12172	2/22/01	PCT				
	B12	WO 01/05978	1/25/01	PCT				
	B13	WO 01/04148	1/18/01	PCT				
	B14	WO 00/37500	6/29/00	PCT				
	B15	WO 00/30673	6/2/00	PCT				
	B16	WO 98/43960	10/5/98	PCT				
	B17	WO 97/34631	9/25/97	PCT				
	B18	WO 96/36713	11/21/96	PCT				
	B19	WO 95/15375	6/8/95	PCT				
	B20	WO 95/05481	2/23/95	PCT				
	B21	WO 94/29348	12/22/94	PCT				
	B22	WO 94/11020	5/26/94	PCT				

B23	WO 94/04679	3/3/94	PCT				
B24	WO 93/00425	1/7/93	PCT				

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

C01	Aasheim et al., 2000, "A splice variant of human ephrin-A4 encodes a soluble molecule that is secreted by activated human B lymphocytes," Blood 95(1):221-230
C02	Aasheim et al., 1997, "Regulated Expression of the Eph-Related Receptor Tyrosine Kinase Hek11 in Early Human B Lymphopoiesis," Blood 90(9):3613-3622
C03	Abraham et al., 2003, "Overexpression of EphA2 in urinary bladder cancer," Proc. of the AACR, Vol. 44, Abstract 5381
C04	Abrahmsen et al., 1991, "Engineering subtilisin and its substrates for efficient ligation of peptide bonds in aqueous solution," Biochemistry 30(17):4151-4159
C05	Adler et al., 1992, "Platelet-activating factor provokes release of mucin-like glycoproteins from guinea pig respiratory epithelial cells via a lipoxygenase-dependent mechanism," Am. J. Respir. Cell Mol. Biol. 6(5):550-556
C06	Agre et al., 1983, "The human tumor cloning assay in cancer drug development," Investigational New Drugs 1(1):33-45
C07	Alves et al., 2003, "EphA2 as target of anticancer immunotherapy: Identification of HLA-A*0201-restricted epitopes," Cancer Research 63:8476-8480
C08	Andres et al., 1994, "Expression of two novel eph-related receptor protein tyrosine kinases in mammary gland development and carcinogenesis," Oncogene 9:1461-1467
C09	Angrist et al., 1995, "Chromosomal localization of the mouse src-like adapter protein (Slap) gene and its putative human homolog SLA," Genomics 30(3):623-625
C10	Bacus, 1989, "Biological grading of breast cancer using antibodies to proliferating cells and other markers," Am. J. Pathol. 135(5):783-792
C11	Badier-Commander, 2000, "Increased TIMP/MMP ratio in varicose veins: a possible explanation for extracellular matrix accumulation," J. Pathol. 192(1):105-112
C12	Bae et al., 1993, "Molecular and cellular analysis of basement membrane invasion by human breast cancer cells in Matrigel-based in vitro assays," Breast Cancer Res. Treat. 24(3):241-255
C13	Baggiolini et al., 1995, "Interleukin-8 and the chemokine family," Int. J. Immunopharmacol. 17(2):103-108
C14	Baggiolini et al., 1992, "Interleukin-8, a chemotactic and inflammatory cytokine," FEBS Lett. 307(1):97-101
C15	Bartley et al., 1994, "B61 is a ligand for the ECK receptor protein-tyrosine kinase," Nature 368(6471):558-560
C16	Baselga et al., 1998, "Recombinant humanized anti-HER2 antibody (Herceptin) enhances the antitumor activity of Paclitaxel and Doxorubicin against HER2/neu overexpression human breast cancer xenografts," Cancer Res. 58(13):2825-2831
C17	Becker et al., 1995, "Characterization of the SEK-1 receptor tyrosine kinase," FEBS Letters 368(2):353-357
C18	Beckmann et al., 1994, "Molecular characterization of a family of ligands for eph-related tyrosine kinase receptors," EMBO J. 13(16):3757-3762
C19	Behrens et al., 1994, "Cell-cell adhesion in invasion and metastasis of carcinomas," Mammary Tumorig. & Malig. Prog. 71:251-266
C20	Biervert et al., 2001, "Semiquantitative expression analysis of ephrine-receptor tyrosine kinase mRNA's in a rat model of traumatic brain injury," Neurosci. Lett. 315(2001):25-28
C21	Birchmeier, 1995, "E-cadherin as a tumor (invasion) suppressor gene," Bioessays 17(2):97-99
C22	Blanco et al., 2002, "Expression of EphA receptors and ligands during chick cerebellar development," Mech. Dev. 114(2002):225-229
C23	Bodansky et al., ed., 1993, Principles of Peptide Synthesis, Springer-Verlag Inc., New York, Cover Page, Publication page, and Table of Contents
C24	Boerner et al., 1991, "Production of antigen-specific human monoclonal antibodies from in vitro-primed human splenocytes," J. Immunol. 147(1):86-95
C25	Bohme et al., 1993, "PCR mediated detection of a new human receptor-tyrosine-kinase, HEK 2," Oncogene 8(10):2857-2862
C26	Bovenkamp et al., 2001, "Degenerate PCR-based cloning method for Eph receptors and analysis of their expression in the developing murine central nervous system and vasculature," DNA Cell Biol. 20(4):203-213
C27	Bowie et al., 1990, "Deciphering the message in protein sequences: tolerance to amino acid substitutions," Science 247(4948):1306-1310
C28	Brady-Kalnay et al., 1998, "Dynamic interaction of PTP $\mu$ with multiple cadherins in vivo," J. Cell Biol. 141:287-296
C29	Brantley et al., 2002, "Soluble Eph A receptors inhibit tumor angiogenesis and progression in vivo," Oncogene 21(46):7011-7026
C30	Brodeur et al., 1987, "Mouse-human myeloma partners for the production of heterhybridomas," Monoclonal Antibody Production Techniques and Application 1987:51-63
C31	Bruggemann et al., 1993, "Designer mice: the production of human antibody repertoires in transgenic animals," Year Immunol. 7:33-40

C32	Burgess et al., 1990, "Possible dissociation of the heparin-binding and mitogenic activities of heparin-binding (acidic fibroblast) growth factor-1 from its receptor-binding activities by site-directed mutagenesis of a single lysine residue," J. Cell Biol. 111(5 Pt 1):2129-2138
C33	Burridge et al., 1996, "Focal adhesions, contractility, and signaling," Ann. Rev. Cell Dev. Biol. 12:463-518
C34	Burridge et al., 1988, "Focal adhesions: transmembrane junctions between the extracellular matrix and the cytoskeleton," Ann. Rev. Cell. Dev. Biol. 4:487-525
C35	Bynum et al., 1999, "Development of class-switched, affinity-matured monoclonal antibodies following a 7-day immunization schedule," Hybridoma 18(5):407-411
C36	Campana et al., 1988, "Double and triple staining methods for studying the proliferative activity of human B and T lymphoid cells," J. Immunol. Methods 107(1):79-88
C37	Cance et al., 1995, "Protein kinases in human breast cancer," Breast Cancer Res. Treat. 35:105-114
C38	Carles-Kinch et al., 2002, "Antibody targeting of the EphA2 tyrosine kinase inhibits malignant cell behavior," Cancer Res. 62(10):2840-2847
C39	Carter et al., 2002, "Ephrin A1-induced cytoskeletal re-organization requires FAK and p130(cas)," Nat. Cell Biol. 4(8):565-573
C40	Carter et al., 1992, "Humanization of an anti-p185 <sup>HER2</sup> antibody for human cancer therapy," PNAS USA 89(10):4285-4289
C41	Chen et al., 1998, "An enhancer element in the EphA2 (Eck) gene sufficient for rhombomere-specific expression is activated by HOXA1 and HOXB1 homeobox proteins," J. Biol. Chem. 273(38):24670-24675
C42	Chen, 1996, "Effects of ectopic overexpression of p21(WAF1/CIP1) on aneuploidy and the malignant phenotype of human brain tumor cells," Oncogene 13(7):1395-1403
C43	Chen et al., 1996, "Germ-line inactivation of the murine Eck receptor tyrosine kinase by gene trap retroviral insertion," Oncogene 12(5):979-988
C44	Chen et al., 1994, "Integrin-mediated cell adhesion activates mitogen-activated protein kinases," J. Biol. Chem. 269:26602-26605
C45	Cheng et al., 2002, "The ephrins and Eph receptors in angiogenesis," Cytokine & Growth Factor Reviews 13(1):75-85
C46	Cheng et al., 2002, "Blockade of EphA receptor tyrosine kinase activation inhibits vascular endothelial cell growth factor-induced angiogenesis," Mol. Cancer Res. 1(1):2-11
C47	Chothia et al., 1987, "Canonical structures for the hypervariable regions of immunoglobulins," J. Mol. Biol. 196(4):901-917
C48	Clark et al., 1997, "The Ras-related protein Fheb is farnesylated and antagonizes Ras signaling and transformation," J. Biol. Chem. 272(16):10608-10615
C49	Clark et al., 1996, "Overexpression of the ras-related TC21/R-Ras2 protein may contribute to the development of human breast cancers," Oncogene 12:169-176
C50	Clark et al., 1995, "Aberrant function of the Ras signal transduction pathway in human breast cancer," Breast Cancer Res. Treat. 35(1):133-144
C51	Clark-Lewis et al., 1994, "Structural requirements for interleukin-8 function identified by design of analogs and CXC chemokine hybrids," J. Biol. Chem. 269(23):16075-16081
C52	Clark-Lewis et al., 1991, "Chemical synthesis, purification, and characterization of two inflammatory proteins, neutrophil activating peptide 1 (Interleukin-8) and neutrophil activating peptide 2," Biochem. 30(12):3128-3135
C53	Cohn et al., 1997, "Induction of airway mucus production By T helper 2 (Th2) cells: a critical role for interleukin 4 in cell recruitment but not mucus production," J. Exp. Med. 186(10):1737-1747
C54	Cole et al., 1985, Monoclonal Antibodies and Cancer Therapy, Alan R. Liss, pp. 77
C55	Connor et al., 1998, "Expression and tyrosine phosphorylation of Eph receptors suggest multiple mechanisms in patterning of the visual system," Dev. Biol. 193(1):21-35
C56	Curti, 1993, "Physical barriers to drug delivery in tumors," Crit. Rev. Oncol. Hematol. 14(1):29-39
C57	D'Amico, 2001, "Predicting the sites of metastasis from lung cancer using molecular biologic markets," Ann. Thorac. Surg. 72:1144-1148
C58	Davis et al., 1994, "Ligands for EPH-related receptor tyrosine kinases that require membrane attachment or clustering for activity," Science 266(5186):816-819
C59	Dawson et al., 1994, "Synthesis of proteins by native chemical ligation," Science 266(5186):776-779
C60	Delia et al., 1997, "Dissociation between cell cycle arrest and apoptosis can occur in Li-Fraumeni cells heterozygous for p53 gene mutations," Oncogene 14(18):2137-2147
C61	deLisle et al., 1992, Techniques in Protein Chemistry IV, Academic Press, New York, pp. 257-267
C62	Dermer, 1994, "Another anniversary for the war on cancer," Biotechnol. 12 March 1994
C63	De Saint-Vis et al., 2003, "Human dendritic cells express neuronal Eph receptor tyrosine kinases: role of EphA2 in regulating adhesion to fibronectin," Blood 102(13):4431-4440
C64	DeVita et al., eds., 1997, "Principles of cancer management: Chemotherapy," Cancer: Principles and practice of oncology, 5 <sup>th</sup> ed., Lippincott-Raven, Philadelphia 333-347
C65	Dickson et al., 1995, "Growth factors in breast cancer," Endocrine Rev. 16(5):559-589

C66	Dohn et al., 2001, "Receptor tyrosine kinase EphA2 is regulated by p53-family proteins and induces apoptosis," <i>Oncogene</i> 20(45):6503-6515
C67	Duxbury et al., 2004, "Ligation of EphA2 by ephrin A1-Fc inhibits pancreatic adenocarcinoma cellular invasiveness," <i>Biochem. Biophys. Res. Comm.</i> 320:1096-1102
C68	Easty et al., 2000, "Protein tyrosine kinases in malignant melanoma," <i>Melanoma Res.</i> 10(5):401-411
C69	Easty et al., 1999, "Up-regulation of ephrin-A1 during melanoma progression," <i>Int. J. Cancer</i> 84(5):494-501
C70	Easty et al., 1997, "Loss of expression of receptor tyrosine kinase family genes PTKT and SEK in metastatic melanoma," <i>Int. J. Cancer</i> 71:1061-1065
C71	Easty et al., 1995, "Abnormal protein tyrosine kinase gene expression during melanoma progression and metastasis," <i>Intl. J. Cancer</i> 60(1):129-136
C72	Easty et al., 1995, "Protein B61 as a new growth factor: expression of B61 and upregulation of its receptor epithelial cell kinase during melanoma progression," <i>Cancer Res.</i> 55(12):2528-2532
C73	Easty et al., 1993, "Novel and known protein tyrosine kinases and their abnormal expression in human melanoma," <i>J. Invest. Dermatol.</i> 101(5):679-684
C74	Emerson, 2004, "Tanning before transplant: lancing the Langerhans cell," <i>Nat. Med.</i> 10(5):451-452
C75	Eph Nomenclature Comm., 1997, "Unified nomenclature for Eph family receptors and their ligands, the ephrins. Eph Nomenclature Committee," <i>Cell</i> 90(3):403-404
C76	Fahy et al., 1993, "Markers of mucus secretion and DNA levels in induced sputum from asthmatic and from healthy subjects," <i>Am. Rev. Respir. Dis.</i> 147(5):1132-1137
C77	Feldman et al., 2001, "Differential expression of matrix metalloproteinases after stent implantation and balloon angioplasty in the hypercholesterolemic rabbit," <i>Circulation</i> 103(25):3117-3122
C78	Feldman et al., 2000, "Interleukin-10 inhibits intimal hyperplasia after angioplasty or stent implantation in hypercholesterolemic rabbits," <i>Circulation</i> 101(8):908-916
C79	Fenrick, 2000, "TEL, a putative tumor suppressor, modulates cell growth and cell morphology of ras-transformed cells while repressing the transcription of stromelysin-1," <i>Mol. Cell. Biol.</i> 20(16):5828-5839
C80	Ferrone et al., eds., 1985, <i>Handbook of Monoclonal Antibodies</i> Noges Publications, Park Ridge, NJ Ch. 22 and pp. 303-357
C81	Fidler, 1997, "Molecular biology of cancer: Invasion and metastasis," in: <i>Cancer: Principles and Practice of Oncology</i> , DeVita et al., eds., Philadelphia: Lippincott-Raven pp. 135-152
C82	Foulkes et al., 1985, "Purification and characterization of a protein-tyrosine kinase encoded by the Abelson murine leukemia virus," <i>J. Biol. Chem.</i> 260(13):8070-8077
C83	Fox et al., 1995, "cDNA cloning and tissue distribution of five human EPH-like receptor protein-tyrosine kinases," <i>Oncogene</i> 10(5):897-905
C84	Freshney, 1983, <i>Culture of Animal Cells: A Manual of Basic Technique</i> , Alan R. Liss, Inc., New York, pp. 4
C85	Frisch, 1997, "Integrins and anoikis," <i>Curr. Opin. Cell Biol.</i> 9(5):701-706
C86	Fry et al., 1995, "Inhibitors of protein tyrosine kinases," <i>Curr. Opin. Biotechnol.</i> 6(6):662-667
C87	Gale et al., 1997, "Ephrins and their receptors: a repulsive topic?" <i>Cell Tissue Res.</i> 290(2):227-241
C88	Gale et al., 1996, "Eph receptors and ligands comprise two major specificity subclasses and are reciprocally compartmentalized embryogenesis," <i>Neuron</i> 17:9-19
C89	Ganju et al., 1994, "The Eck receptor tyrosine kinase is implicated in pattern formation during gastrulation, hindbrain segmentation and limb development," <i>Oncogene</i> 9(6):1613-1624
C90	Geiger et al., 1992, "Cadherins," <i>Ann. Rev. Cell. Biol.</i> 8:307-332
C91	Genzyme-Techne Corporation, Recombinant Mouse Ephrin-A1/Fc, Catalog number: 3602, March 11, 2003
C92	George et al., 1998, "The VAB-1 Eph receptor tyrosine kinase functions in neural and epithelial morphogenesis in <i>C. elegans</i> ," <i>Cell</i> 92:633-643
C93	Giunciuglio et al., 1995, "Invasive phenotype of MCF10A cells overexpressing c-Ha-ras and c-erb-2 oncogenes," <i>Intl. J. Cancer</i> 63(6):815-822
C94	Glenney et al., 1989, "Novel tyrosine kinase substrates from rous sarcoma virus-transformed cells are present in the membrane skeleton," <i>J. Cell Biol.</i> 108(6):2401-2408
C95	Goding, 1986, <i>Monoclonal Antibodies: Principles and Practice</i> , Academic Press, pp. 59-103
C96	Gousse et al., 2000, "Current investigations and treatment of interstitial cystitis," <i>Curr. Urol. Rep.</i> 1(3):190-198
C97	Grant, 1992, <i>Synthetic Peptides: A User Guide</i> , W.H. Freeman and Co., New York, Cover Page, Publication Page, and Table of Contents
C98	Gura, 1997, "Systems for identifying new drugs are often faulty," <i>Science</i> 278(5340):1041-1042
C99	Gussow et al., 1991, "Humanization of monoclonal antibodies," <i>Methods Enzymol.</i> 203:99-121
C100	Hamburger, 1987, "The human tumor clonogenic assay as a model system in cell biology," <i>Int. J. Cell Cloning</i> 5(2):89-107
C101	Hanahan et al., 2000, "The hallmarks of cancer," <i>Cell</i> 100:57-70

C102	Harlow et al., 1988, Antibodies, A Laboratory Manual, Cold Spring Harbor Publications, New York
C103	Harper et al., 1993, "The p21 Cdk-interacting protein Cip1 is a potent inhibitor of G1 cyclin-dependent kinases," Cell 75(4):805-816
C104	Hartwell et al., 1997, "Integrating genetic approaches into the discovery of anticancer drugs," Science 278(5340):1064-1068
C105	Hein, 1999, "Regulation of cell signaling induced by the cell adhesion molecule, E-cadherin," Ph.D. thesis, Purdue University, 94 pages, Cover Date August 1999
C106	Helbling et al., 1998, "Requirement for EphA receptor signaling in the segregation of Xenopus third and fourth arch neural crest cells," Mech. Dev. 78(1998):63-79
C107	Henkemeyer et al., 1996, "Nuk controls pathfinding of commissural axons in the mammalian central nervous system," Cell 86:35-46
C108	Henson, 1999, "Molecular and genetic targets in early detection," Curr. Opin. Oncol. 11(5):419-425
C109	Hess et al., 2001, "Molecular regulation of tumor cell vasculogenic mimicry by tyrosine phosphorylation: Role of epithelial cell kinase (ECK/EphA2)," Cancer Res. 61:3250-3255
C110	Hill, 1992, The Basic Science of Technology, Tannock et al., eds., McGraw Hill, NY Chapter 11, pp. 178-195
C111	Holder et al., 1999, "Eph receptors and ephrins: effectors of morphogenesis," Development 126(10):2033-2044
C112	Holgate et al., 1999, "The bronchial epithelium as a key regulator of airway inflammation and remodelling in asthma," Clin. Exp. Allergy 29 Suppl 2:90-95
C113	Holland et al., 1998, "Cell-contact-dependent signaling in axon growth and guidance: Eph receptor tyrosine kinases and receptor protein tyrosine phosphatase beta," Curr. Opin. Neurobiol. 8:117-127
C114	Hoogenboom et al., 1992, "Bypassing immunisation human antibodies from synthetic repertoires of germline V <sub>H</sub> gene segments rearranged in vitro," J. Mol. Biol. 227(2):381-388 (or 1991)
C115	Hoshino et al., 1986, "S-phase fraction of human brain tumors in situ measured by uptake of bromodeoxyuridine," Int. J. Cancer 38(3):369-374
C116	Hu et al., 2003, "Antibody targeting of the EphA2 receptor tyrosine kinase on breast cancer cells," Proc. Am. Assoc. Cancer Res. Vol. 44 Abstract 6178
C117	Huai et al., 2000, "Investigation of a possible receptor function of ephrina ligands," European J. Neurosci. 12:179
C118	Hudziak et al., 1989, "p185 <sup>HER2</sup> monoclonal antibody has antiproliferative effects in vitro and sensitizes human breast tumor cells to tumor necrosis factor," Mol. Cell. Biol. 9(3):1165-1172
C119	Hunter, 1997, "Oncoprotein networks," Cell 88:333-346
C120	Hunter et al., 1992, "Receptor protein tyrosine kinases and phosphatases," Cold Spring Harbor Symp. Quant. Biol. 57:25-41
C121	Hunter et al., 1990, "Novel receptor protein-tyrosine kinases," Adv. Second Messenger Phosphoprotein Res. 24:260-265
C122	Hutchcroft, 1991, "B lymphocyte activation is accompanied by phosphorylation of a 72-kDa protein-tyrosine kinase," J. Biol. Chem. 266(23):14846-14849
C123	Jain, 1994, "Barriers to drug delivery in solid tumors," Sci. Am. 271(1):58-65
C124	Jakovovits et al., 1993, "Analysis of homozygous mutant chimeric mice: Deletion of the immunoglobulin heavy chain joining region blocks B-cell development and antibody production," PNAS USA 90(6):2551-2555
C125	Jakovovits et al., "Germ-like transmission and expression of a human-derived yeast artificial chromosome," Nature 362(6417):255-258
C126	Jeoung, 1995, "Effects of tumor necrosis factor-alpha on antimitogenicity and cell cycle-related proteins in MCF-7 cells," J. Biol. Chem. 270(31):18367-18373
C127	Johnson et al., 1997, "Development of a humanized monoclonal antibody (MEDI-493) with potent in vitro and in vivo activity against respiratory syncytial virus," J. Infect. Dis. 176(5):1215-1224
C128	Jones, 1986, "Replacing the complementary-determining regions in a human antibody with those from a mouse," Nature 321:522-525
C129	Kabat et al., 1987, "Sequences of proteins of immunological interest," National Institutes of Health, Bethesda, MD
C130	Kahn et al., 1984, "Immunohistochemical localization of epidermal and Mallory body cytokeratin in undifferentiated epithelial tumors. Comparison with ultrastructural features," Am. J. Clin. Pathol. 81(2):184-191
C131	Kanner et al., 1990, "Monoclonal antibodies to individual tyrosine-phosphorylated protein substrates of oncogene-encoded tyrosine kinases," PNAS USA 87(9):3328-3332
C132	Kataoka et al., 2002, "Expression profile of EFNB1, EFNB2, two ligands of EPHB2 in human gastric cancer," J Cancer Res Clin Oncol. 128(7):343-348
C133	Karam et al., 2002, "EphA4 is not required for Purkinje cell compartmentation," Brain Res. Dev. Brain Res. 135(1-2):29-38
C134	Kawai et al., 1995, "Kinetics of gastric epithelial cells in duodenal ulcer: local environmental factors controlling the proliferation and differentiation of gastric epithelial cells," J. Gastroenterol. 30(3):428-436
C135	Keay et al., 2001, "Sensitivity and specificity of antiproliferative factor, heparin-binding epidermal growth factor-like growth factor, and epidermal growth factor as urine markers for interstitial cystitis," Urology 57(6 Suppl 1):9-14
C136	Keely et al., 1998, "Integrins and GTPases in tumor cell growth, motility and invasion," Trends Cell Biol. 8(3):101-106



C137	Kerr et al., ed., 1994, LabFax Immunochemistry 115, 157, 191-197
C138	Khosravi-Far et al., 1995, "Activation of Rac1, RhoA, and mitogen-activated protein kinases is required for Ras transformation," Mol. Cell. Biol. 15(11):6443-6453
C139	Kikawa et al., 2003, "Inhibition of the activity of the low molecular weight tyrosine phosphatase reduces the transformed phenotype of malignant cells," Proc. Am. Assoc. Cancer Res. Vol. 44, Abstract 1447
C140	Kikawa et al., 2002, "Regulation of the EphA2 kinase by the low molecular weight tyrosine phosphatase induces transformation," J. Biol. Chem. 277(42):39274-39279
C141	Kilpatrick et al., 2000, "High affinity monoclonal antibodies to PED/PEA-15 generated using 5 µg of DNA," Hybridoma 19(4):297-302
C142	Kilpatrick et al., 1998, "Gene gun delivered DNA-based immunizations mediate rapid production of murine monoclonal antibodies to the Flt-3 receptor," Hybridoma 17(6):569-576
C143	Kilpatrick et al., 1997, "Rapid development of affinity matured monoclonal antibodies using RIMMS," Hybridoma 16(4):381-389
C144	Kim et al., 1989, "Mechanisms of airway goblet cell mucin release: studies with cultured tracheal surface epithelial cells," Am. J. Respir. Cell Mol. Biol. 1(2):137-143
C145	Kim et al., 1989, "Secretions from primary hamster tracheal surface epithelial cells in culture: mucin-like glycoproteins, proteoglycans, and lipids," Exp. Lung Res. 15(2):299-314
C146	Kim et al., 1987, "Human neutrophil elastase releases cell surface mucins from primary cultures of hamster tracheal epithelial cells," Proc. Natl. Acad. Sci. USA 84(24):9304-9308
C147	Kim et al., 1985, "Biochemical characterization of mucous glycoproteins synthesized and secreted by hamster tracheal epithelial cells in primary culture," J. Biol. Chem. 260(7):4021-4027
C148	Kinch et al., 2003, "Epitope targeting of EphA2: New opportunities for selective killing of tumor cells," Proc. Am. Assoc. Cancer Res. Vol. 44, Abstract 5616
C149	Kinch et al., 2003, "Overexpression and functional alterations of the EphA2 tyrosine kinase in cancer," Clin. & Exp. Metastasis 20:59-68
C150	Kinch et al., 2003, "Predictive value of the EphA2 receptor tyrosine kinase in lung cancer recurrence and survival," Clin. Cancer Res. 9(2):613-618
C151	Kinch et al., 2002, "Antibody targeting of the EphA2 tyrosine kinase inhibits malignant cell behavior," Cancer Res. 62(10):2840-2847
C152	Kinch et al., 2000, "Cytometric analysis of cell contact and adhesion," Methods in Cell Biol., Vol. 63: Cytometry, Darzynkiewicz et al., eds., 3 <sup>rd</sup> ed., Academic Press, San Diego, CA Ch. 28, pp. 599-612
C153	Kinch et al., 1998, "Identification of tyrosine phosphorylated adhesion proteins in human cancer cells," Hybridoma 17:227-235
C154	Kinch et al., 1997, "E-cadherin engagement stimulates tyrosine phosphorylation," Cell Adhes. Commun. 4:425-437
C155	Kinch et al., 1995, "Altered adhesions in ras-transformed breast epithelial cells," Biochem. Soc. Trans. 23:446-450
C156	Kinch et al., 1995, "Tyrosine phosphorylation regulates the adhesions of ras-transformed breast epithelial cells," J. Cell. Biol. 130:461-471
C157	Kinch et al., 1994, "The protein tyrosine kinase p56 <sup>lck</sup> regulates cell adhesion mediated by CD4 and MHC class II proteins," J. Exp. Med. 180:1729-1739
C158	Kinch et al., 1993, "Cell adhesion mediated by CD4 and MHC class II proteins requires active cellular processes," J. Immunol. 151:4552-4561
C159	Kirk et al., 1993, "The human anti-porcine cell mediated response: in vitro studies of function and molecular interaction," Transplant. 55(4):924-931
C160	Klinnert et al., 2001, "Onset and persistence of childhood asthma: predictors from infancy," Pediatrics 108(4):E69
C161	Kohler et al., 1975, "Continuous culture of fused cells secreting antibody of predefined specificity," Nature 256(5517):495-497
C162	Kondapaka et al., 1996, "Tyrosine kinase inhibitor as a novel signal transduction and antiproliferative agent: prostate cancer," Mol. and Cell. Endocrinol. 117:53-58
C163	Koolpe et al., 2002, "An ephrin mimetic peptide that selectively targets the EphA2 receptor," J. Biol. Chem. 277(49):46974-46979
C164	Kozbor et al., 1984, "A human hybrid myeloma for production of human monoclonal antibodies," J. Immunol. 133(6):3001-3005
C165	Kozlosky et al., 1995, "Ligands for the receptor tyrosine kinases hek and elk: isolation of cDNAs encoding a family of proteins," Oncogene 10(2):299-306
C166	Kratchmarova et al., 2001, "Characterization of promoter region and genomic structure of the murine and human genes encoding Src like adapter protein," Gene 262(1-2):267-273
C167	Kuperman et al., 2002, "Direct effects of interleukin-13 on epithelial cells cause airway hyperreactivity and mucus overproduction in asthma," Nat. Med. 8(8):885-889 Epub 2002 Jul 01
C168	Lai et al., 2001, "Expression of Eph receptors in skeletal muscle and their localization at the neuromuscular junction," Mol. Cell. Neurosci. 17(6):1034-1047
C169	Larrick et al., 1985, Human Hybridomas and Monoclonal Antibodies, Engleman and Foug, eds., 8-9
C170	Lawrence, 1996, "Mechanisms of tumor invasion and metastasis," World J. Urol. 14(3):124-130

C171	Lazar et al., 1988, "Transforming growth factor alpha: mutation of aspartic acid 47 and leucine 48 results in different biological activities," <i>Mol. Cell. Biol.</i> 8(3):1247-1252
C172	Levitzi, 1995, "Tyrosine kinase inhibition: An approach to drug development," <i>Science</i> 267:1782-1788
C173	Lewis et al., 1993, "Differential responses of human tumor cell lines to anti-p185 <sup>HER2</sup> monoclonal antibodies," <i>Cancer Immunol. Immunother.</i> 37(4):255-263
C174	Li et al., 2003, "EphA2 up-regulation induced by deoxycholic acid in human colon carcinoma cells, an involvement of extracellular signal-regulated kinase and p53-independence," <i>J. Cancer Res. Clin. Oncol.</i> 129(12):703-708 Epub 2003 Oct 15
C175	Li et al., 1996, "Subcellular distribution of p21 and PCNA in normal and repair-deficient cells following DNA damage," <i>Curr. Biol.</i> 6(2):189-199
C176	Lickliter et al., 1996, "Embryonic stem cells express multiple Eph-subfamily receptor tyrosine kinases," <i>PNAS USA</i> 93(1):145-150
C177	Lindberg et al., 1990, "cDNA cloning and characterization of eck, an epithelial cell receptor protein-tyrosine kinase in the eph/elk family of protein kinases," <i>Mol. Cell Biol.</i> 10(12):6316-6324
C178	Lukacs et al., 2001, "Respiratory syncytial virus predisposes mice to augmented allergic airway responses via IL-13-mediated mechanisms," <i>J. Immunol.</i> 167(2):1060-1065
C179	Malik et al., 1996, "Integrin-mediated signaling in normal and malignant cells: a role of protein tyrosine kinases," <i>Biochimica et Biophysica Acta</i> 1287:73-76
C180	Marks et al., 1991, "Bypassing immunization. Human antibodies from V-gene libraries displayed on phage," <i>J. Mol. Biol.</i> 222(3):581-597
C181	Martone et al., 1997, "Immunolocalization of the receptor tyrosine kinase EphA4 in the adult rat central nervous system," <i>Brain Res.</i> 771(2):238-250
C182	Maru et al., 1990, "Overexpression confers an oncogenic potential upon the eph gene," <i>Oncogene</i> 5:445-447
C183	McBride et al., 1998, "Ephrin-A1 is expressed at sites of vascular development in the mouse," <i>Mech. Dev.</i> 77(2):201-204 Abstract
C184	McLaughlin, 1999, "Functional consequences of coincident expression of EphA receptors and ephrin-A ligands," <i>Neuron</i> 22(4):636-639
C185	Merad et al., 2004, "Depletion of host Langerhans cells before transplantation of donor alloreactive T cells prevents skin graft-versus-host disease," <i>Nat. Med.</i> 10(5):510-517
C186	Message and Johnston, 2002, "Viruses in asthma," <i>Br. Med. Bull.</i> 61:29-43
C187	Miao et al., 2000, "Activation of EphA2 kinase suppresses integrin function and causes focal-adhesion-kinase dephosphorylation," <i>Nat. Cell. Biol.</i> 2(2):62-69
C188	Michael et al., 1999, "Efficient gene-specific expression of cre recombinase in the mouse embryo by targeted insertion of a novel IRES-Cre cassette into endogenous loci," <i>Mech. Dev.</i> 85(1-2):35-47
C189	Miller et al., 1999, "The engagement of $\beta_1$ integrins on promonocytic cells promotes phosphorylation of Syk and formation of a protein complex containing Lyn and $\beta_1$ integrin," <i>Eur. J. Immunol.</i> 29(5):1426-1434
C190	Miller et al., 1993, "Xenograft model of progressive human proliferative breast disease," <i>J. Natl. Cancer Instit.</i> 85(21):1725-1732
C191	Miyazaki et al., 2003, "EphA2 overexpression correlates with poor prognosis in esophageal squamous cell carcinoma," <i>Int. J. Cancer</i> 103(5):657-663
C192	Morrison et al., 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains," <i>PNAS USA</i> 81:6851-6855
C193	Muhlbauer et al., 1999, Abstract "Detection of melanoma cells in the blood of melanoma patients by melanoma-inhibitory activity (MIA) reverse transcription-PCR," <i>Clinical Cancer Research</i> 5(5):1099-1105
C194	Munson et al., 1980, "Ligand: A versatile computerized approach for characterization of ligand-binding systems," <i>Anal. Biochem.</i> 107(1):220-239
C195	Murphy et al., 1988, "Epidermal growth factor gene expression in human breast cancer cells: regulation of expression by progestins," <i>Cancer Res.</i> 48(16):4555-4560
C196	Munthe et al., 2004, "Expression and functional effects of Eph receptor tyrosine kinase A family members on Langerhans like dendritic cells," <i>BMC Immunol.</i> 5(1):9
C197	Nakamoto et al., 2002, "Diverse roles for the Eph family of receptor kinases in carcinogenesis," <i>Microsc. Res. Tech.</i> 59(1):58-67
C198	Nakamoto et al., 2000, "Eph receptors and ephrins," <i>Intl. J. Biochem. Cell Biol.</i> 32(1):7-12
C199	Naruse-Nakajima et al., 2001, "Involvement of EphA2 in the formation of the tail notochord via interaction with ephrinA1," <i>Mech. Dev.</i> 102(1-2):95-105
C200	NCBI Locus Link search for "B61" performed Nov. 24, 2003 <a href="http://www.ncbi.nlm.nih.gov/LocusLink/list.cgi">http://www.ncbi.nlm.nih.gov/LocusLink/list.cgi</a>
C201	Nemoto et al., 1997, "Overexpression of protein tyrosine kinases in human esophageal cancer," <i>Pathobiology</i> 65:195-203
C202	New England Biolabs Product Catalog, 1996, p. 164
C203	Nishida et al., 2002, "Domain specific olivocerebellar projection regulated by the EphA-ephrin-A interaction," <i>Development</i> 129(24): 5647-5658
C204	Noren et al., 2004, "Eph receptor-ephrin bidirectional signals that target Ras and Rho proteins," <i>Cellular Signalling</i>

		16(6):655-666
	C205	Nose et al., 1988, "Expressed recombinant cadherins mediate cell sorting in model systems," <i>Cell</i> 54(7):993-1001
	C206	Nowakowski et al., 2002, "Structures of the cancer-related aurora-A, FAK, and EphA2 protein kinases from nanovolume crystallography," <i>Structure</i> 10(12):1659-1667
	C207	Oberpenning et al., 2002, "Interstitial cystitis: an update," <i>Curr. Opin. Urol.</i> 12(4):321-332
	C208	O'Brien et al., 1997, "A mechanism for trabecular meshwork cell retraction: ethacrynic acid initiates the dephosphorylation of focal adhesion proteins," <i>Exp. Eye Res.</i> 65(4):471-483
	C209	Oettgen et al., 1991, "The history of cancer immunotherapy," in <i>Biologic Therapy of Cancer</i> , Devita et al., eds., Lippincott, Philadelphia, Chapter 6, pp. 87-119
	C210	Ogawa et al., 2000, "The ephrin-A1 ligand and its receptor, EphA2, are expressed during tumor neovascularization," <i>Oncogene</i> 19(52):6043-6052
	C211	Ohta et al., 1996, "The receptor tyrosine kinase, Cdk8, is transiently expressed on subtypes of motoneurons in the spinal cord during development," <i>Mechanisms Devel.</i> 54(1):59-69
	C212	Online Medical Dictionary, Published at the Dept. of Medical Oncology, University of Newcastle upon Tyne published on 11/18/97, [retrieved on 7/31/02] retrieved from the internet: < <a href="http://www.medical-dictionary.com">http://www.medical-dictionary.com</a> >
	C213	Orsulic et al., 2000, "Expression of Eph receptors and ephrins is differentially regulated by E-cadherin," <i>J. Cell. Sci.</i> 113(Pt. 10):1793-1802
	C214	Oslo et al., 1980, <i>Remington's Pharmaceutical Science</i> , 16 <sup>th</sup> ed., Mack Publishing Co.
	C215	Owens et al., 1995, "Overexpression of focal adhesion kinase (p125 <sup>FAK</sup> ) in invasive human tumors," <i>Cancer Res.</i> 55(13):2752-2755
	C216	Ozawa et al., 1990, "A possible new adhesive site in the cell-adhesion molecule uvomorulin," <i>Mech. Dev.</i> 33(1):49-56
	C217	Paine et al., 1992, "Characterization of epithelial phenotypes in mortal and immortal human breast cells," <i>Int. J. Cancer</i> 50(3):463-473
	C218	Pandey et al., 1995, "Characterization of a novel src-like adapter protein that associates with the Eck receptor tyrosine kinase," <i>J. Biol. Chem.</i> 270(33):19201-19204
	C219	Pandey et al., 1995, "Role of B61, the ligand for the Exk receptor tyrosine kinase, in TNF- $\alpha$ -induced angiogenesis," <i>Science</i> 268:567-569
	C220	Pandey et al., 1994, "Activation of the Eck receptor protein tyrosine kinase stimulates phosphatidylinositol 3-kinase activity," <i>J. Biol. Chem.</i> 269(48):30154-30157
	C221	Pardue, 1994, "Looking at polytene chromosomes," <i>Methods Cell Biol.</i> 44:333-351
	C222	Parsons, 1996, "Integrin-mediated signaling: regulation by protein tyrosine kinases and small GTP-binding proteins," <i>Curr. Opin. Cell Biol.</i> 8(2):146-152
	C223	Parsons, 1993, "Protein-tyrosine kinases, oncogenes, and cancer," <i>Important Adv. Oncol.</i> pp. 3-17
	C224	Pasquale et al., 1997, "The Eph family of receptors," <i>Curr. Opin. Cell Biol.</i> 9(5):608-615
	C225	Patarca, 1996, "Protein phosphorylation and dephosphorylation in physiologic and oncologic processes," <i>Crit. Rev. Oncogenesis</i> 7(5-6):343-432
	C226	Pauley et al., 1993, "The MCF10 family of spontaneously immortalized human breast epithelial cell lines: models of neoplastic progression," <i>Eur. J. Cancer Prev.</i> 2 Suppl 3:67-76
	C227	Pegram et al., 1998, "HER-2/neu as a predictive marker of response to breast cancer therapy," <i>Breast Cancer Res. Treat.</i> 52(1-3):65-77
	C228	Pegram et al., 1997, "Antibody dependent cell-mediated cytotoxicity in breast cancer patients in Phase III clinical trials of a humanized anti-HER2 antibody," <i>Proc. Am. Assoc. Cancer Res.</i> 38:602
	C229	Potla et al., 2002, "Reduced expression of ephrinA1 (EFNA1) inhibits three-dimensional growth of HT29 colon carcinoma cells," <i>Cancer Lett.</i> 175(2):187-195
	C230	Pratt et al., 2002, "Activation of the EphA2 tyrosine kinase stimulates the MAP/ERK kinase signaling cascade," <i>Oncogene</i> 21(50):7690-7699
	C231	Press et al., 1990, "HER-2/neu oncogene amplification and expression in breast and ovarian cancers," <i>Prog. Clin. &amp; Biol. Res.</i> 354A:209-221
	C232	Presta, 1992, "Antibody engineering," <i>Current Op. Struct. Biol.</i> 2:593-596
	C233	Price, 1994, "Analysing the metastatic phenotype," <i>J. Cell Biochem.</i> 56(1):16-22
	C234	Price, 1996, "Metastasis from human breast cancer cell lines," <i>Breast Cancer Res. Treat.</i> 39(1):93-102
	C235	Rajaratnam et al., 1994, "1H NMR studies of interleukin 8 analogs: characterization of the domains essential for function," <i>Biochemistry</i> 33(21):6623-6630
	C236	Ratner, 2001, "Interstitial cystitis: a chronic inflammatory bladder condition," <i>World J. Urol.</i> 19(3):157-159
	C237	R&D Systems, 2002, "Recombinant mouse ephrin-A1/Fc chimera," Catalog Number: 602-A1, April 30, 2002
	C238	Rhim et al., 1997, "Human prostate carcinogenesis," <i>Crit. Rev. Oncog.</i> 8(4):305-328
	C239	Riechmann et al., 1988, "Reshaping human antibodies for therapy," <i>Nature</i> 332(6162):323-327

C240	Roche et al., 1998, "Src-like adaptor protein (Slap) is a negative regulator of mitogenesis," <i>Curr. Biol.</i> 8(17):975-978
C241	Rosenberg et al., 1997, "Epithelial cell kinase-B61: an autocrine loop modulating intestinal epithelial migration and barrier function," <i>Am. J. Physiol.</i> 273(4 Pt 1):G824-832
C242	Rosenberg, 1997, "Principles of cancer management: surgical oncology," <i>Cancer: Principles and Practice of Oncology</i> , 5 <sup>th</sup> ed., V.T. Devita, Jr. et al., eds., Lippincott-Raven, Philadelphia, Cover page, Table of Contents, and pp. 295-306
C243	Rudikoff et al., 1982, "Single amino acid substitution altering antigen-binding specificity," <i>PNAS USA</i> 79(6):1979-1983
C244	Ruiz et al., 1994, "The expression of the receptor-protein tyrosine kinase gene, eck, is highly restricted during early mouse development," <i>Mech. Dev.</i> 46(2):87-100
C245	Ruoslahti, 1994, "Cell adhesion and tumor metastasis," <i>Princess Takamatsu Symp.</i> 24:99-105
C246	Ruoslahti, 1999, "Fibronectin and its integrin receptors in cancer," <i>Advances in Cancer Res.</i> 76:1-20
C247	Sarosdy et al., 1983, "Prediction of response to cancer chemotherapy," <i>Drugs</i> 26(5):454-459
C248	Schlaepfer et al., 1996, "Signal transduction from the extracellular matrix-a-role for the focal adhesion protein-tyrosine kinase FAK," <i>Cell Structure Function</i> 21(5):445-450
C249	Schnolzer et al., 1992, "Constructing proteins by dovetailing unprotected synthetic peptides: backbone-engineered HIV protease," <i>Science</i> 256(5054):221-225
C250	Scully et al., 1999, "Isolation and characterization of Dek, a Drosophila eph receptor protein tyrosine kinase," <i>Mol Cell Neuro</i> 13(5):337-347
C251	Shak, 1999, "Overview of the trastuzumab (Herceptin) anti-HER2 monoclonal antibody clinical program in HER2-overexpressing metastatic breast cancer. Herceptin Multinational Investigator Study Group," <i>Semin. Oncol.</i> 26(4 Suppl 12):71-77
C252	Sigurs, 2002, "Clinical perspectives on the association between respiratory syncytial virus and reactive airway disease," <i>Respir. Res.</i> 3 Suppl 1:S8-S14 Epub 2002 Jun 24
C253	Sigurs et al., 2000, "Respiratory syncytial virus bronchiolitis in infancy is an important risk factor for asthma and allergy at age 7," <i>Am. J. Respir. Crit. Care Meth.</i> 161:1501-1507
C254	Sims et al., 1993, "A humanized CD18 antibody can block function without cell destruction," <i>J. Immunol.</i> 151(4):2296
C255	Slamon et al., 1989, "Studies of the HER-2/neu proto-oncogene in human breast and ovarian cancer," <i>Science</i> 244(4905):707-712
C256	Sliwkowski et al., 1999, "Nonclinical studies addressing the mechanism of action of trastuzumab (Herceptin)," <i>Semin. Oncol.</i> 26(4 Suppl 12):60-70
C257	Smith et al., 1977, "Cardiac glycoside-specific antibodies in the treatment of digitalis intoxication," <i>Antibodies in Human Diagnosis and Therapy</i> pp. 365-389
C258	Southern et al., 1982, "Transformation of mammalian cells to antibiotic resistance with a bacterial gene under control of the SV40 early region promoter," <i>J. Mol. Appl. Genet.</i> 1(4):327-341
C259	Stearns et al., 1998, "Workgroup 2: human xenograft models of prostate cancer," <i>Prostate</i> 36(1):56-58
C260	Steeg et al., 1996, "Molecular analysis of premalignant and carcinoma in situ lesions of the human breast," <i>Am. J. Pathol.</i> 149(3):733-738
C261	Steiger et al., 1995, "Concurrent increases in the storage and release of mucin-like molecules by rat airway epithelial cells in response to bacterial endotoxin," <i>Am. J. Respir. Cell Mol. Biol.</i> 12(3):307-314
C262	Stein et al., 1998, "Eph receptors discriminate specific ligand oligomers to determine alternative signaling complexes, attachment, and assembly responses," <i>Genes Dev.</i> 12(5):667-678
C263	Stein et al., 1998, "Nck recruitment to Eh receptor, EphB1/ELK couples ligand activation to c-JUN kinase," <i>J. Biol. Chem.</i> 273(3):1303-1308
C264	Straume et al., 2002, "Importance of vascular phenotype by basic fibroblast growth factor, and influence of the angiogenic factors basic fibroblast growth factor/fibroblast growth factor receptor-1 and ephrin-A1/EphA2 on melanoma progression," <i>Am. J. Pathol.</i> 160(3):1009-1019
C265	Studer et al., 1998, "Genetic interactions between Hoxa1 and Hoxb1 reveal new roles in regulation of early hindbrain patterning," <i>Development</i> 125(6):1025-1036
C266	Sulman et al., 1997, "ECK, a human EPH-related gene, maps to 1p36.1, a common region of alteration in human cancers," <i>Genomics</i> 40(2):371-374
C267	Sundar et al., 2003, "Pulmonary Langerhans cell histiocytosis: emerging concepts in pathobiology, radiology, and clinical evolution of disease," <i>Chest</i> 123(5):1673-1683
C268	Szelenyi et al., 2001, "Animal models of chronic obstructive pulmonary disease," <i>Arzneimittelforschung</i> 51(12):1004-1014
C269	Tang et al., 1995, "cDNA cloning, molecular characterization, and chromosomal localization of NET(EPHT2), a human EPH-related receptor protein-tyrosine kinase gene preferentially expressed in brain," <i>Genomics</i> 29(2):426-437
C270	Tazi et al., 1999, "Evidence that Langerhans cells in adult pulmonary Langerhans cell histiocytosis are mature dendritic cells: importance of the cytokine microenvironment," <i>J. Immunol.</i> 163(6):3511-3515
C271	Temann et al., 1997, "A novel role for murine IL-4 in vivo: induction of MUC5AC gene expression and mucin hypersecretion," <i>Am. J. Respir. Cell. Mol. Biol.</i> 16(4):471-478

C272	Thaker et al., 2003, "EphA2 expression is associated with aggressive features in ovarian carcinoma," Proc. of the AACR, Vol. 44, Abstract 472
C273	Tlsty, 1998, "Cell-adhesion-dependent influences in genomic instability and carcinogenesis," Curr. Opin. Cell Biol. 10:647-653
C274	Turner et al., 1998, "Treatment of human prostate cancer cells with dolastatin 10, a peptide isolated from a marine shell-less mollusc," Prostate 34(3):175-181
C275	Van der Geer et al., 1994, "Receptor protein-tyrosine kinases and their signal transduction pathways," Ann. Rev. Cell Biol. 10:251-337
C276	Varelias et al., 2002, "Human osteosarcoma expresses specific ephrin profiles: implications for tumorigenicity and prognosis," Cancer 95(4):862-869
C277	Varmus et al., 1986, "Biochemical mechanisms of oncogene activity: proteins encoded by oncogenes," Cancer Surv. 5(2):153-158
C278	Vassallo et al., 2000, "Pulmonary Langerhans'-cell histiocytosis," N. Engl. J. Med. 342(26):1969-1978
C279	Vassilev et al., 1995, "The levels of ubiquitinated histone H2A are highly upregulated in transformed human cells: partial colocalization of uH2A clusters and PCNA/cyclin foci in a fraction of cells in S-phase," J. Cell Sci. 108 ( Pt 3):1205-1215
C280	Verhoeven et al., 1988, "Reshaping human antibodies: grafting an antilysozyme activity," Science 239(4847):1534-1536
C281	Vestweber et al., 1985, "Identification of a putative cell adhesion domain of uvomorulin," EMBO J. 4(13A):3393-3398
C282	Vestweber et al., 1984, "Rabbit antiserum against a purified surface glycoprotein decompacts mouse preimplanted embryos and reacts with specific adult tissues," Exp. Cell. Res. 152(1):169-178
C283	Vestweber et al., 1984, "Some structural and functional aspects of the cell adhesion molecule uvomorulin," Cell. Differ. 15(2-4):269-273
C284	Vignali et al., 1993, "Interactions of CD4 with MHC class II molecules, T cell receptors and p56lck," Philos. Trans. R. Soc. Lond. B. Biol. Sci. 342(1299):13-24
C285	Volberg et al., 1992, "The effect of tyrosine-specific protein phosphorylation on the assembly of adherens-type junctions," EMBO J. 11(5):1733-1742
C286	Wada et al., 1998, "Glycosylphosphatidylinositol-anchored cell surface proteins regulate position-specific cell affinity in the limb bud," Dev. Biol. 202(2):244-252
C287	Walker-Daniels et al., 2002, "c-Cbl-dependent EphA2 protein degradation is induced by ligand binding," Mol. Cancer Res. 1(1):79-87
C288	Walker-Daniels, et al., 2001, "The mechanism of EphA2 protein degradation: Implications of increased EphA2 protein levels in metastatic cancer cells," in the Proc. of the Am. Assoc. for Cancer Res. Ann. Meeting 2001; 42:840
C289	Walker-Daniels, 1999, "Overexpression of EphA2 in metastatic cancer cells: A role for Ras signalling," Mol. Bio. Cell. 10: Abstract 2469, 39 <sup>th</sup> American Soc. for Cell Biol. (December 11-15, 1999)
C290	Walker-Daniels et al., 1999, "Overexpression of the EphA2 tyrosine kinase in prostate cancer," Prostate 41(4):275-280
C291	Wang et al., 2002, "Negative regulation of EphA2 receptor by Cbl," Biochem. Biophys. Res. Commun. 296(1):214-220
C292	Warren et al., 2002, "Interstitial cystitis," Curr. Opin. Urol. 12(1):69-74
C293	Waters et al., 1995, "Spontaneous metastasis of PC-3 cells in athymic mice after implantation in orthotopic or ectopic microenvironments," Prostate 26:227-234
C294	Weaver et al., 1995, "The development of a functionally relevant cell culture model of progressive human breast cancer," Semin. Cancer Biol. 6(3):175-184
C295	Weiner, 1999, "Monoclonal antibody therapy of cancer," Semin. Oncol. 26(5 Suppl 14):43-51
C296	Welt et al., 2001, "Oral heparin prevents neointimal hyperplasia after arterial injury: inhibitory potential depends on type of vascular injury," Circulation 104(25):3121-3124
C297	Wendling et al., 2000, "Retinoid signaling is essential for patterning the endoderm of the third and fourth pharyngeal arches," Development 127(8):1553-1562
C298	Wilkinson, 2000, "Eph receptors and ephrins: regulators of guidance and assembly," Int Rev Cytol. 196:177-244
C299	Wu et al., 2004, "Prognostic value of EphA2 and ephrinA-1 in squamous cell cervical carcinoma," Gynecol. Onc. 94:312-319
C300	Zabalou, 1994, "A three-season comparative analysis of the chromosomal distribution of P and hobo mobile elements in a natural population of Drosophila melanogaster," Hereditas 120(2):127-140
C301	Zantek et al., 2001, "Analysis of cell migration," Meth. Cell Biol. Vol. 63, Chapter 25, pp. 549-559
C302	Zantek et al., 2001, "MCF-10A-NeoST: a new cell system for studying cell-ECM and cell-cell interactions in breast cancer," Clin. Cancer Res. 7(11):3640-3648
C303	Zantek et al., 1999, "E-cadherin regulates the function of the EphA2 receptor tyrosine kinase," Cell Growth Differ. 10(9):629-638
C304	Zantek, 1999, "Regulation of EphA2 and focal adhesion kinase in breast cancer," Ph.D. thesis, Purdue University; May 1999, 136 pages
C305	Zantek et al., 1999, "Regulation of the EPHA2 receptor tyrosine kinase by estrogen and myc," 90 <sup>th</sup> Ann. Meeting of the Am. Assoc. Cancer, April 10-14, 1999, Proc. Ann. Meetings Am. Assoc. Cancer Res. 40:687 Abstract 4537

Application Serial No.: 10/823,259

C306	Zantek et al., 1998, "Epithelial cell kinase (ECK/EPHA2) regulation in breast cancer," Mol. Bio. Cell 9(Supp):134a, abstract 773; 38 <sup>th</sup> Annual Meeting of the American Society for Cell Biology (December 12-16, 1998)
C307	Zantek, et al., 1997, "Identification of an adhesion-associated tyrosine kinase that is tightly regulated in breast cancer," Mol. Bio. Cell. 8(Supp):134A, abstract 777; 37 <sup>th</sup> Annual Meeting of the American Society for Cell Biology, (December 13-17, 1997)
C308	Zeid et al., 1995, "Tobacco smoke induced lung granulomas and tumors: association with pulmonary Langerhans cells," Pathology 27(3):247-254
C309	Zelinski et al., 2002, "Estrogen and Myc negatively regulate expression of the EphA2 tyrosine kinase," J. Cell Biochem. 85(4):714-720
C310	Zelinski et al., 2001, "EphA2 Overexpression causes tumorigenesis of mammary epithelial cells," Cancer Res. 61:2301-2306
C311	Zhang et al., 1991, "Relative malignant potential of human breast carcinoma cell lines established from pleural effusions and a brain metastasis," Invasion Metastasis 11(4):204-215
C312	Zhong et al., 1997, "Rho-stimulated contractility contributes to the fibroblastic phenotype of ras-transformed epithelial cells," Mol. Biol. Cell. 8(11):2329-2344
C313	Zhao et al., 2002, "Altered eosinophil levels as a result of viral infection in asthma exacerbation in childhood," Pediatr. Allergy Immunol. 13(1):47-50
C314	Zhou, 1998, "The Eph family receptors and ligands," Pharmacol. Ther. 77(3):151-181
C315	Zisch et al., 1998, "Complex formation between EphB2 and Src requires phosphorylation of tyrosine 611 in the EphB2 juxtamembrane region," Oncogene 16(20):2657-2670
C316	Zoller et al., 1982, "Oligonucleotide-directed mutagenesis using M13-derived vectors: an efficient and general procedure for the production of point mutations in any fragment of DNA," Nucleic Acids Res. 10(20):6487-6500

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